

Exhibit K

DICTIONARY OF COMPUTER WORDS

→ A Helpful Guide to
the Language of
Personal Computing

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screen, but instead scans every line on every *refresh* cycle. Although noninterlaced displays are more expensive than interlaced ones for the same level of resolution, they allow the screen to be redrawn faster for graphics and video images and avoid the *flickering* of interlaced displays. See also *interlacing*. See also *raster scanning*.

nonvolatile memory Memory whose contents are not lost when the system power is shut off. Nonvolatile memory is used in calculators, printers, and other devices whose programming does not need to be changed, and in personal computers for the *BIOS* and other instructions the computer needs to read during the *boot* sequence. Disk storage and *ROM* are both nonvolatile memory, as opposed to the *volatile memory* held in *RAM*.

NOR [nor] A *Boolean operator* that returns the value TRUE if and only if both of its operands are FALSE. Table 15 shows the results of the NOR operator.

Table 15. Results of NOR Operator

a	b	a NOR b
FALSE	FALSE	TRUE
FALSE	TRUE	FALSE
TRUE	FALSE	FALSE
TRUE	TRUE	FALSE

NOT [not] A *Boolean operator* that returns the value TRUE if its operand is FALSE, and FALSE if its operand is TRUE. Table 16 shows the results of the NOT operator.

Table 16. Results of NOT Operator

a	b	NOT a
FALSE	FALSE	TRUE
FALSE	TRUE	TRUE
TRUE	FALSE	FALSE
TRUE	TRUE	FALSE

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nui

notebook A *portable computer* that is smaller than a briefcase. Typical notebook computers are about one foot wide, up to 6 or 7 pounds, and are powered by rechargeable batteries. They usually contain a single 3.5-inch floppy disk drive. Despite their small size, many notebook computers have nearly the same capabilities as desktop models but are more expensive.

notepad A desk accessory in the Microsoft Windows environment. Notepad is a text editor that allows you to jot down notes, write short memos, and create simple files.

ns Abbreviation of **nanosecond**.

NuBus [NOO-bus or NYOO-bus] A trademarked name for a high-speed expansion bus used in Macintosh II computers. NuBus expansion slots accept 96-pin expansion boards.

null character A data control character that is used to pad time by adding nonsignificant zeros to a data string. The null character can be used, for example, to pad a string of characters to a specific length. In a byte-oriented character strings, or separate blocks of data. In the ASCII character set, the null character is symbol represented by the character code 0.

null-modem cable A cable that allows two computers connected directly together through their serial ports, using a modem. A null-modem cable is used, for example, to connect a portable computer with a larger computer so that they can exchange data.

number cruncher A program or computer, such as a personal computer, that is able to perform complex, lengthy calculations.

numeric coprocessor See **math coprocessor**.

numeric keypad A group of keys, separate from the rest of the typing area on a keyboard, located to the right of the numbers 0–9, a decimal point, and mathematical operators.